

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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|--|---------|----------|---|--|--|--|--|--|--|
| 1. Name and Address of Reporting Person* <u>Stankovic Srdjan R.</u> | | | 2. Issuer Name and Ticker or Trading Symbol <u>ACADIA PHARMACEUTICALS INC [ACAD]</u> | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ Officer (give title below) _____ Other (specify below) _____ President | | | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) <u>01/06/2021</u> | | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| C/O ACADIA PHARMACEUTICALS INC. 12830 EL CAMINO REAL, SUITE 400 | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | |
| (Street) | (City) | (State) | (Zip) | | | | | | |
| SAN DIEGO | CA | 92130 | | | | | | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|--------------------------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 01/06/2021 | | M | | 5,444 | A | (1) | 21,972 | D | |
| Common Stock | 01/06/2021 | | s ⁽²⁾ | | 1,725 | D | \$53.34 | 20,247 | D | |
| Common Stock | 01/07/2021 | | M | | 61,619 | A | \$35.8 | 81,866 | D | |
| Common Stock | 01/07/2021 | | s ⁽³⁾ | | 61,619 | D | \$55.1159 | 20,247 | D | |
| Common Stock | 01/08/2021 | | M | | 13,381 | A | \$35.8 | 33,628 | D | |
| Common Stock | 01/08/2021 | | M | | 12,864 | A | \$21.28 | 46,492 | D | |
| Common Stock | 01/08/2021 | | M | | 3,488 | A | \$18.12 | 49,980 | D | |
| Common Stock | 01/08/2021 | | s ⁽³⁾ | | 29,733 | D | \$55.2192 ⁽⁴⁾ | 20,247 | D | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|--|--|--------------------------------------|--|--------------------------------|---|--|--|-----------------|---|--|--|---|--|-------|
| | | | | Code | V | | Date Exercisable | Expiration Date | | | | | | Title |
| Restricted Stock Units | (5) | 01/06/2021 | | M | | 5,444 | (6) | (6) | Common Stock | 5,444 | \$0.00 | 16,333 | D | |
| Stock Option (Right to Buy) | \$35.8 | 01/06/2021 | | M | | 61,619 | (7) | 09/06/2027 | Common Stock | 61,619 | \$0.00 | 69,631 | D | |
| Stock Option (Right to Buy) | \$35.8 | 01/08/2021 | | M | | 13,381 | (7) | 09/06/2027 | Common Stock | 13,381 | \$0.00 | 56,250 | D | |
| Stock Option (Right to Buy) | \$21.28 | 01/08/2021 | | M | | 12,864 | (8) | 10/14/2028 | Common Stock | 12,864 | \$0.00 | 22,761 | D | |
| Stock Option (Right to Buy) | \$18.12 | 01/08/2021 | | M | | 3,488 | (9) | 11/18/2028 | Common Stock | 3,488 | \$0.00 | 90,262 | D | |

Explanation of Responses:

- Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock.
- The sales reported in this Form 4 were made to cover the tax obligation that occurred upon the vesting of restricted stock units.
- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on December 3, 2020.
- The reported price in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$55.00 to \$55.77 per share, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
- Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock.
- The restricted stock units vest in four equal annual installments beginning January 6, 2021.
- 25% of the shares subject to the Stock Option vested and became exercisable on September 7, 2018. The remaining shares vest and become exercisable thereafter in 36 equal monthly installments.
- 25% of the shares subject to the Stock Option vested and became exercisable on October 15, 2019. The remaining shares vest and become exercisable thereafter in 36 equal monthly installments.

9. 25% of the shares subject to the Stock Option vested and became exercisable on November 19, 2019. The remaining shares vest and become exercisable thereafter in 36 equal monthly installments.

Remarks:

/s/ Austin D. Kim, Attorney-in-Fact 01/08/2021

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.